

## Long PrM Dimensions and Resistors

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per John Krider

### Internal Dimensions

Photocathode - cathode grid	0.704 in = 1.79 cm
cathode grid - anode grid	18.21 in = 46.25 cm
anode grid - anode	0.310 in = 0.79 cm

### External

Can length	22.75 in = 57.8 cm
Outside of end plate to Photocathode	1.25 in = 3.2 cm
Screws stick out at pC end	~0.75 in = 1 cm

45 Field Shaping Rings between grids

50 M $\Omega$  resistors per stage of drift field (46 in all)

Measured Resistance between cathode and anode grid = 2.5 +/- 0.1 G $\Omega$